

professional cordless power tools

Factory Use

Cordless Impact Driver
EYFLA1A · EYFLA2A

Cordless Impact Wrench
EYFLA2Q · EYFLA3J

***New cordless impact driver brings
innovation to the assembly line!***



Torque control function

Torque adjusting function

Auto-power stop function

Li-ion 10.8V

Panasonic ideas for life

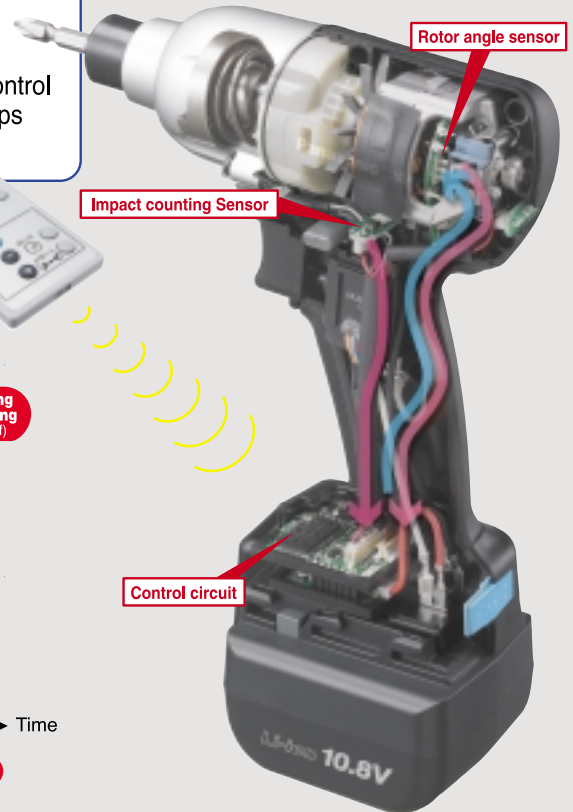
Impact driver delivers torque accuracy

Fastening torque is not affected by load change during fastening

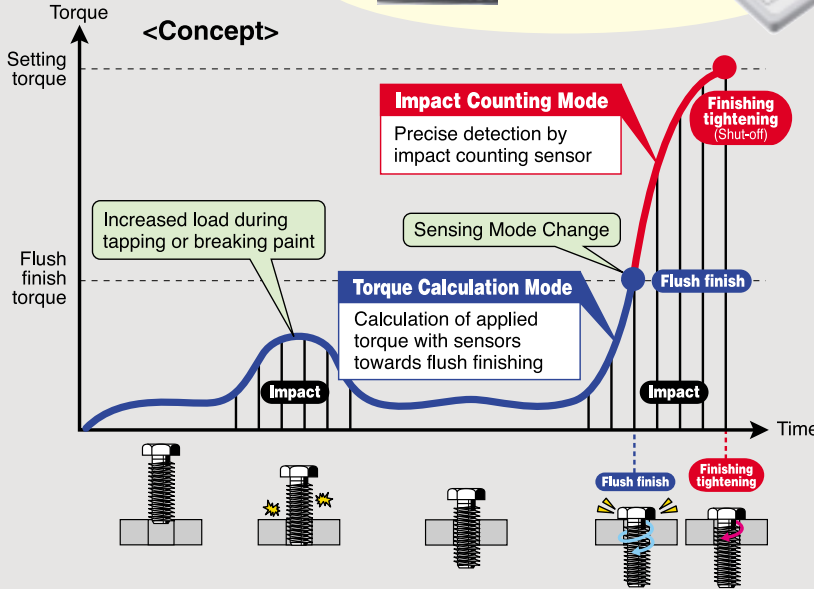
Torque Control Mechanism

- Two kinds of sensors (rotor angle sensor and impact counting sensor) detect the change of motor speed and rpm between impacts. The control circuit with a Panasonic original algorithm calculates applied torque to deliver a flush finish.
- When applied torque reaches the pre-set torque selection, the control method shifts to the impact counting mode and automatically stops after completing tightening.*1

Indicate the finishing of tightening by green lamp

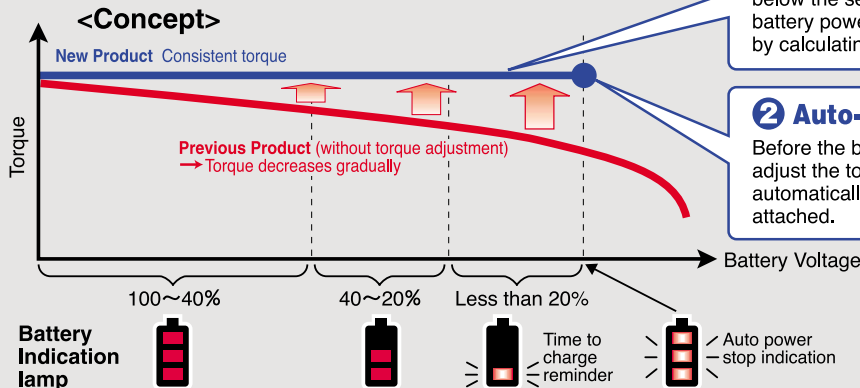


Torque can be adjusted by 30 stages



*1. Tightening torque precision varies with operating conditions. Always check the tightening torque during actual operation before using the driver.

Maintains selected torque level even if battery power is running low



1 Torque Adjustment

Impact speed is always monitored. If it falls below the selected value due to lack of battery power, the necessary torque is added by calculating the loss of impact.

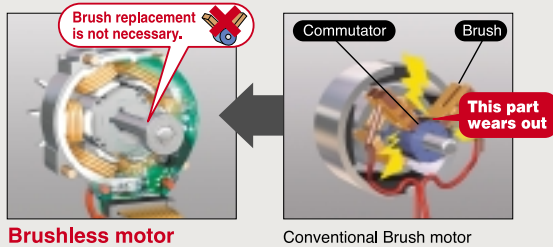
2 Auto-Power Stop

Before the battery power becomes too low to adjust the torque, the power supply stops automatically until a charged battery pack is attached.

Lower running cost from long life parts

Improved durability of motor and switch

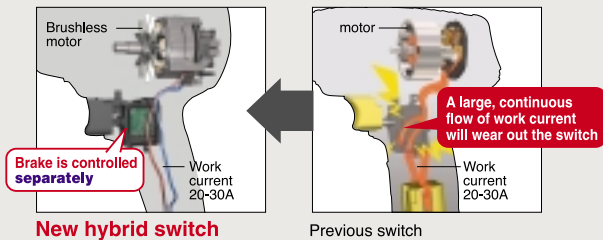
Motor – about **Twice** the life



Brushless motor

Conventional Brush motor

Switch – about **Twice** the life



New hybrid switch

Previous switch

High Capacity 10.8v 3Ah Li-Ion Battery Pack

Lifetime total performance improves drastically with brushless-motor and high capacity Li-Ion battery!

NEW EYFB30

170

Previous battery pack*2 **100**

Additional charging is acceptable

Since there is no memory effect, the battery never deteriorates if you charge it additionally during a break.

Panasonic delivers exceptional Safety and Reliability

- Individual monitoring of battery cells prevents the battery from overcharging and overdischarging.
- Battery Thermal Protection Sensor



*2. Previous Ni-MH 9.6V battery pack EY9188.

The figures may vary according to usage environment or application.

More features

Lightweight, **2.8 lbs***3



Rubber grip

A well balanced lightweight design means workers will experience less muscle fatigue during continuous use

*3. EYFLA1 · LA2



Remote control

Tool setting can be set only by remote control.



LED light

Light on when the switch is pulled.

EYFLA1 EYFLA2 EYFLA3



Color Plate for differentiation

Each tool model is color coded for easy identification.

• In case the time to prevent retightening prevention is set to one sec.








Retightening Prevention Function

This function prevents the tool from operating within a selected time period after it automatically stops from the torque control function. The switch will not operate even if engaged during this time period.

Product Range and Specification

	Impact Driver		Impact Wrench	
	EYFLA1A	EYFLA2A	EYFLA2Q	EYFLA3J
Chuck Size	Single-ended 9mm (23/64"—3/8") Double Ended 12mm (15/32")		□9.5mm (3/8")	□12.7mm (1/2")
Application	Screw M5·M6 (Normal—tensile bolt) M8 bolt (Normal bolt)	M6 bolt (tensile bolt) M8 bolt (Normal bolt)		M8 bolt (tensile bolt) M10 bolt (Normal bolt)
Maximum torque (F mode, tightening 3 sec.)	approx. 40 N·m (354 in-lbs) (M10 bolt)	approx. 90 N·m (796 in-lbs) (M14 bolt)		approx. 120 N·m (1062 in-lbs) (M14 bolt)
Torque control function operating range	approx. 3—22 N·m (27—195 in-lbs)	approx. 6—30 N·m (53—266 in-lbs)		approx. 16—53 N·m (142—469 in-lbs)
Torque Setting		30 stage + F (without torque setting mode)		
No load speed (unit : rpm)	stage1: 0~950 stage2: 0~1000 stage3~5: 0~1050 stage6: 0~1300 stage7: 0~1450 stage8: 0~1550 stage9~30·F: 0~2300	stage1: 0~1300 stage2: 0~1450 stage3: 0~1550 stage4~30·F: 0~2300		0~2300
Impact per minute	stage1: 0~1900 stage2: 0~1950 stage3~5: 0~2100 stage6: 0~2500 stage7: 0~2800 stage8: 0~3000 stage9~30·F: 0~4000	stage1: 0~2500 stage2: 0~2800 stage3: 0~3000 stage4~30·F: 0~3600		0~3000
Weight (including battery pack)	approx. 2.8 lbs			approx. 2.9 lbs
Size	Length	6-7/32"		6-7/16"
	Height	9-25/32"		
	Width	approx. 2-21/64" dia. (Width of battery pack: approx. 2-61/64")		
Function	LED Light	● (ON/OFF switch, Light off after five minutes automatically)		
	Tightening confirmation lamp	● (Finish tightening: Green Not finished tightening: Red)		
	Retightening Prevention Function	● (Possible to set per 0.1 sec. between 0~3sec.)		
	Battery indication lamp	● (3 stage)		
	Auto-Power Stop function	●		
Application Capacity/ Working Speed	approx. 1200pcs/pack approx. 0.7sec/1pcs (M6: 89 in-lbs, Stage: 19)	approx. 800pcs/pack approx. 0.8sec/1pcs (M8: 204 in-lbs, Stage: 22)		approx. 500pcs/pack approx. 0.9sec/1pcs (M10: 381 in-lbs, Stage: 23)
Charging time	Usable charge: approx. 40 min. Full charge: approx. 65 min (Battery pack EYFB30, Charger EY0L80)			

10.8V Li-Ion Battery pack EYFB30	Charger EY0L80	Remote Control EYFA30	Protector for Tool EYFA01-A (blue), -Y (yellow), -H (gray)	Protector for Battery EYFA02-H (gray)
				

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Design and specifications subject to change without notice.



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